

AMENDMENT TO THE CLAIMS

1. (Previously presented) A discharge lamp device comprising:

an airtight container filled with a discharge medium mainly including noble gas;

a first electrode provided in the airtight container;

a second electrode that includes an opening through which light emitted from the airtight container is emitted, that is provided to have a predetermined interval to the airtight container, and that includes a reflective surface; and

at least one insulating holder that is externally attached to the airtight container and that maintains the predetermined interval,

wherein the at least one insulating holder includes a penetration hole to which the airtight container is inserted and the second electrode is fitted with the at least one insulating holder.

2-3. (Cancelled)

4. (Previously presented) The discharge lamp device according to Claim 1, wherein:

a length a of the at least one insulating holder in a direction along which the airtight container is inserted is determined such that a relation between length a_1 at a side from which the airtight container emits light and length a_2 at a side at which the second electrode is provided is $a_1 < a_2$.

5. (Previously presented) The discharge lamp device according to Claim 1, wherein:

the at least one insulating holder is made of transparent material and is formed to have the same length as that of the airtight container.

6. (Previously presented) The discharge lamp device according to Claim 5, wherein:

the second electrode is buried in the at least one insulating holder to have a predetermined interval to the airtight container.

7. (Previously presented) A discharge lamp device comprising:

an airtight container filled with a discharge medium mainly including noble gas;
a first electrode provided in the airtight container;
at least one insulating holder that includes a penetration hole to which the airtight container is inserted;
a second electrode buried in the at least one insulating holder to have a predetermined interval to the airtight container; and
a reflection member that includes an opening through which light emitted from the airtight container is emitted and that is externally provided to the second electrode.

8. (Previously presented) The discharge lamp device according to Claim 1, wherein:

said at least one insulating holder includes a plurality of holders, the plurality of holders are arranged to be parallel to one another and corners at a side at which light emitted from the airtight container is emitted are joined.

9. (Previously presented) The discharge lamp device according to Claim 7, wherein:

said at least one insulating holder includes a plurality of insulating holders, the plurality of insulating holders are arranged to be parallel to one another and corners at a side at which light emitted from the airtight container is emitted are joined.

10. (Previously presented) The discharge lamp device according to Claim 1, wherein:

the at least one insulating holder includes an empty section that is provided at a side at which light emitted from the airtight container is emitted and that has a width smaller than an outer diameter of the airtight container.

11. (Previously presented) The discharge lamp device according to Claim 7, wherein:

the at least one insulating holder includes an empty section that is provided at a side at which light emitted from the airtight container is emitted and that has a width smaller than an outer diameter of the airtight container.

12. (Previously presented) The discharge lamp device according to Claim 1, wherein:

the predetermined interval is in a range from 0.1 mm to 2.0 mm at the shortest.

13. (Previously presented) The discharge lamp device according to Claim 7, wherein:

the predetermined interval is in a range from 0.1 mm to 2.0 mm at the shortest.

14. (Previously presented) The discharge lamp device according to Claim 1, wherein:

the discharge medium includes at least xenon gas and a fluorescent material layer is layered on an inner circumference of the airtight container.

15. (Previously presented) The discharge lamp device according to Claim 7, wherein:

the discharge medium includes at least xenon gas and a fluorescent material layer is layered on an inner circumference of the airtight container.

16. (Previously presented) The discharge lamp device according to Claim 1, wherein:

the at least one insulating holder includes a protrusion at a position at which the second electrode is provided; and

the second electrode includes a fitting hole fitted with the protrusion of the at least one insulating holder.

17. (Previously presented) The discharge lamp device according to Claim 16, wherein:

a relation between a length a of the at least one insulating holder in a direction along which the airtight container is inserted and a length b of the protrusion in the insertion direction is determined to be $a > b$.

18. (New) The discharge lamp device according to Claim 1, wherein the at least one insulating holder completely surrounds a longitudinal axis of the airtight container.

19. (New) The discharge lamp device according to Claim 7, wherein the reflection member is provided at three surfaces of the at least one insulating holder at which no empty section is formed or at only one surface of the at least one insulating holder which is opposite to the empty section.